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Docket No. 741118-53

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant Michael HABELE et al

Serial No Unassigned

Filed : On Even Date

For : ELECTRIC MOTOR WITH
ELECTROMAGNETIC BRAKE

Examiner:
To be Determined

Art Unit:
To be Determined

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Entry of the following amendments is requested preliminary to calculation of the filing fee and examination of the above-captioned application.

IN THE CLAIMS:

Please cancel original claims 1-17, and add the following new claims:

18. An electric motor comprising a rotor, an electromagnetic brake means, and a stator wherein said stator comprises at least one pole pair in which at least one pole of said pole pair comprises a pole shoe which faces towards the rotor and supports a stator winding, and wherein the stator supports the electromagnetic brake means between the ends of the at least one pole of the stator, and the electromagnetic brake means comprises a brake element composed of an electromagnetically conductive material which is urged against a braking force by an attraction force generated by the magnetic flux induced during operation of the motor, wherein said brake element is constructed in the shape of a rocker element and is supported by the stator to pivot about an axis such that the brake element applies a braking force to the rotor at a position offset from said axis.

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